Session Program

14–15 Nov 2026



Particle Physics on the Plains 2026

Dark Matter

University of Kansas, 2048 Malott Hall
Department of Physics & Astronomy University of Kansas Lawrence, KS

Saturday 14 November

09:00

Dark Matter

Session |
Location: University of Kansas, 2048 Malott Hall, Department of Physics & Astronomy University of Kansas Lawrence, KS

09:00–09:18
Producing the GeV Galactic Center Excess via Cosmic Ray-Dark Matter Scattering

Speaker
Dr Deepak Sathyan

09:18–09:36
A Phase-Transition Portal to Enhanced Dark Matter Annihilation

Speaker
Kairui Zhang

09:36–09:54
Supernova Bounds on Neutrinophilic Dark Matter

Speaker
Christopher Cappiello

09:54–10:12
Threading a Narrow Neutrino Needle through LZ

Speaker
Dibya S. Chattopadhyay

10:12–10:30
Low-Energy Solar Neutrinos at XENONnT: Atomic Effects, Tensions, and New Physics

Speaker
Aparajitha Karthikeyan

10:30